

103-027

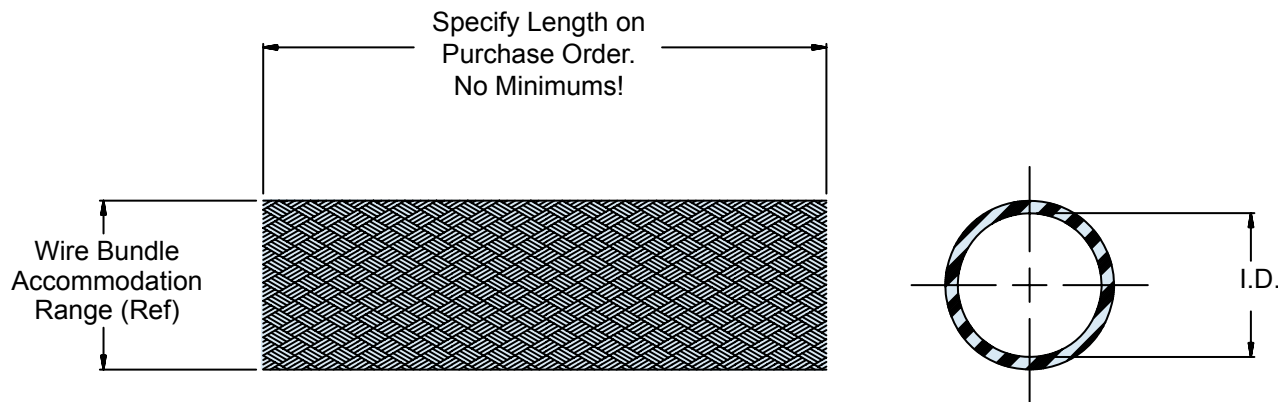
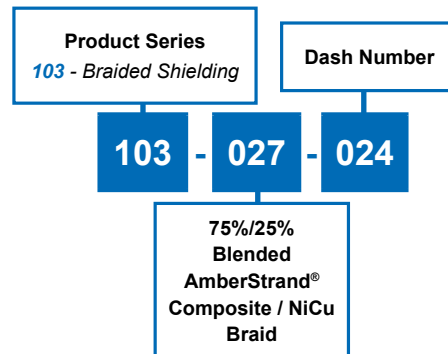
75% / 25% AmberStrand® Composite / NiCu Braid  
for EMI Shielding Applications



Composite  
Shielding

TABLE I

Dash Number	Nominal I.D. (Ref.)	Ref. Wire Bundle Range	Approximate Grams Per Foot	Carrier Breakdown
004	.125 (3.2)	.093 (2.4)	1.5	16 - AmberStrand® 4 - Nickel Copper
		.140 (3.5)		
008	.250 (6.4)	.125 (3.2)	2.4	24 - AmberStrand® 8 - Nickel Copper
		.312 (7.9)		
012	.375 (9.5)	.250 (6.4)	3.9	36 - AmberStrand® 12 - Nickel Copper
		.437 (11.1)		
016	.500 (12.7)	.250 (6.4)	6.0	54 - AmberStrand® 18 - Nickel Copper
		.375 (15.0)		
020	.625 (15.9)	.375 (9.5)	6.4	54 - AmberStrand® 18 - Nickel Copper
		.700 (17.8)		
024	.750 (19.1)	.500 (12.7)	7.2	72 - AmberStrand® 24 - Nickel Copper
		.830 (21.1)		
032	1.000 (25.4)	.780 (19.8)	11.0	48 - AmberStrand® 16 - Nickel Copper
		1.100 (27.94)		
040	1.250 (31.8)	.938 (23.8)	15.0	72 - AmberStrand® 24 - Nickel Copper
		1.312 (33.3)		
048	1.500 (38.1)	1.187 (30.1)	25.2	72 - AmberStrand® 24 - Nickel Copper
		1.590 (40.37)		
064	2.000 (50.8)	1.312 (33.3)	32.0	72 - AmberStrand® 24 - Nickel Copper
		2.090 (53.08)		



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APPLICATION NOTES

1. Marking - Label individual packages.
2. Material - Nickel Clad/Thermoplastic, silver color.  
Nickel plated Copper wire/ASTM B355 CL.7 OFHC, 36 awg  
Braid angle all sizes 40° - 50°
3. Consult factory for alternative blend ratios.
4. Braid is made from Nickel-plated AmberStrand® composite thermoplastic fibers. AmberStrand® is a registered trademark of Syscom Advanced Materials, Inc.
5. Metric dimensions (mm) are in parenthesis and for reference only.